AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. – 2. (Cancelled)

3. (Currently Amended) A method of communications between first and second wireless networks, comprising:

receiving a first data packet having a header and a payload portion, the header of the first data packet containing a private network address of a first node in the first wireless network, and the payload portion containing the private network address;

translating the private network address in each of the header and payload portion to a public network address; and

sending a second data packet containing the public network address translated from the private network address to a second node in the second wireless network.

4. (Currently Amended) A method of communications between first and second wireless networks, comprising:

receiving [[data]] a first Internet Protocol (IP) packet having a payload portion containing a General packet radio service Tunneling Protocol (GTP) data unit, the IP packet having a header containing a private network address of a first node in the first wireless network, and the GTP data unit in the payload portion of the IP packet containing the private network address of the first node;

translating the private network address in each of the header and payload portion to a public network address; and

sending ~~data containing the public network address translated from the private network address~~ a second IP packet having a header and payload portion to a second node in the second wireless network, each of the header and payload portion of the second IP packet containing the public network address translated from the private network address

~~wherein receiving data comprises receiving data containing a General Packet Radio Service Tunneling Protocol data unit~~.

5. (Currently Amended) A method of communications between first and second wireless networks, comprising:

receiving [[data]] a first Internet Protocol (IP) packet having a payload portion containing a private network address of a first General packet radio service (GPRS) support node in the first wireless network, the first IP packet further having a header containing the private network address of the first GPRS support node;

translating the private network address in each of the header and payload portion to a public network address; and

sending ~~data containing the public network address translated from the private network address~~ a second IP packet having a header and payload portion to a second GPRS support node in the second wireless network, each of the header and payload portion of the second IP packet containing the public network address translated from the private network address

~~wherein receiving data comprises receiving data from a Serving General packet radio service Support Node in the first wireless network, the first node comprising the Serving General packet radio service Support Node~~.

6. (Currently Amended) The method of claim 5, wherein receiving the first IP packet containing the private network address of the first GPRS support node comprises receiving the first IP packet containing the private network address of a Serving GPRS Support Node, and wherein sending [[data]] the second IP packet to the second GPRS support node comprises sending [[data]] the second IP packet to a Gateway ~~General packet radio service~~ GPRS Support Node~~, the second node comprising the Gateway General packet radio service Support Node~~.

7. (Currently Amended) ~~A method of communications between first and second wireless networks, comprising:~~

~~receiving data containing a private network address of a first node in the first wireless network;~~

~~translating the private network address to a public network address;~~

~~sending data containing the public network address translated from the private network address to a second node in the second wireless network; and~~ The method of claim 3, further comprising:

determining whether to establish a data session on a packet data network on behalf of a roaming mobile station through the first wireless network or the second wireless network.

8. (Cancelled)

9. (Previously Presented) The method of claim 3, wherein the translating is performed by a network address translator.

10. (Currently Amended) An article comprising at least one storage medium containing instructions that when executed cause a system to:

receive a first packet having a header portion and a payload portion from a first node in a first wireless network, each of the header portion and payload portion containing a private network address of the first node;

translate the private network address in the header portion and in the payload portion to a public network address; and

send [[the]] a second packet containing the public network address to a second node in a second wireless network, the second packet having a header portion and payload portion each containing the public network address.

11. (Cancelled)

12. (Currently Amended) The article of claim 10, wherein the instructions when executed cause the system to translate the private network address in the payload portion of the first packet by identifying a string in the payload portion of the first packet containing the private network address.

13. (Currently Amended) The article of claim 10, wherein ~~the instructions when executed cause the system to receive~~ the first packet has a payload portion containing General Packet Radio Service Tunneling Protocol (GTP) data, the GTP data containing the private network address.

14. (Currently Amended) The article of claim 10, wherein the instructions when executed cause the system to receive the first packet from a Serving General packet radio service Support Node in the first wireless network, the first node comprising the General Packet Radio Service support node.

15. (Currently Amended) The article of claim 14, wherein the instructions when executed cause the system to send the second packet to a Gateway General packet radio service Support Node in a second wireless network, the second node comprising the Gateway General packet radio service Support Node.

16. (Currently Amended) The article of claim 15, wherein the instructions when executed cause the system to receive the first packet from the Serving General packet radio service Support Node associated with a first public land mobile network and to send the second packet to the Gateway General packet radio service Support Node associated with a second public land mobile network.

17. (Currently Amended) The article of claim 10, wherein the instructions when executed cause the system to receive the first packet from the first wireless network associated with a first network operator and to send the second packet to a node in a second wireless network associated with a second network operator.

18. (Currently Amended) A system comprising:

an interface to a first wireless network, the interface adapted to receive a data packet containing a header portion and a payload portion, each of the header portion and the payload portion containing a first network address of a General packet radio service (GPRS) Support node in the first wireless network; and

a network address translator module adapted to translate the first network address in each of the header portion and payload portion to a second, different network address associated with the GPRS Support node.

19. (Original) The system of claim 18, further comprising a controller adapted to send the data packet containing the second network address to a second wireless network.

20. (Original) The system of claim 19, wherein the first wireless network is associated with a first network operator and the second wireless network is associated with a second network operator.

21. (Original) The system of claim 18, wherein the interface is adapted to receive the data packet comprising an Internet Protocol packet.

22. (Cancelled)

23. (Currently Amended) The system of claim 18, wherein the ~~interface is adapted to receive~~ payload portion of the data packet ~~having~~ contains a General Packet Radio Service Tunneling Protocol (GTP) data unit ~~in the payload portion of the data packet~~, the GTP data unit containing the first network address.

24. (Currently Amended) The system of claim 18, wherein the first network address comprises a private network address of the GPRS support node, and wherein the second network address comprises a public network address of the GPRS support node.

25. (Currently Amended) A data signal embodied in a carrier wave and comprising instructions that when executed cause a system to:

perform ~~one-to-one~~ translation of a private network address [[and]] contained in each of a header and payload portion of a first Internet Protocol (IP) packet to a public network address ~~in a packet received from a first wireless network~~, the private and public network addresses associated with a ~~Serving~~ General packet radio service (GPRS) Support node in [[the]] a first wireless network; and

send [[the]] a second packet ~~with a translated~~ having a header and payload portion each containing the public network address to a second wireless network.

26. (Cancelled)

27. (Currently Amended) The method of claim 3, wherein translating the private network address in the payload portion of the first data packet is performed by identifying a string in the payload portion containing the private network address.

28. (Previously Presented) The system of claim 18, the network address translator to translate the first network address in the payload portion by identifying a string in the payload portion containing the first network address.

29. (New) The method of claim 3, wherein receiving the first data packet comprises receiving the first data packet having the payload portion that contains a Packet Data Protocol (PDP) Context Create request, the PDP Context Create request containing the private network address of the first node.

30. (New) The method of claim 4, wherein receiving the first IP packet containing the GTP data unit comprises receiving the first IP packet containing the GTP data unit carrying a Packet Data Protocol (PDP) Context Create request.

31. (New) The article of claim 10, wherein the payload portion of the first packet contains a Packet Data Protocol (PDP) Context Create request, the PDP Context Create request containing the private network address of the first node.

32. (New) The system of claim 18, wherein the payload portion of the data packet contains a Packet Data Protocol (PDP) Context Create request, the PDP Context Create request containing the private network address of the GPRS Support node.

33. (New) The data signal of claim 25, wherein the payload portion of the first IP packet contains a Packet Data Protocol (PDP) Context Create request, the PDP Context Create request containing the private network address of the GPRS Support node.